

Abstract of Taiwan Patent No. 271472

A light modulated plate used in a flat surface lighting apparatus. Using the light modulated plate produce a flat surface light source and the LCD display apparatus.

In this invention, the light modulated plate has many convex stripes that are parallel each other on one side of the plate. And many concave stripes on the other side of the plate. The cross-section of the stripes could be a sinusoid condition. According to other light modulated plates used in a flat surface lighting apparatus in this invention are combined with many plate said before. The flat surface lighting apparatus have the light modulated plates said before (The convex and concave stripes of the light modulated plates face the axis of the light source and have a special included angle), and the LCD display apparatus that place at the front of the light modulated plate.